

SARALA BIRLA PUBLIC SCHOOL

Birla Knowledge City, Mahilong, Ranchi

CLASS-VII, (2020-21)

Sub: .Physics

Assignment-5

A. Multiple choice questions.

1. The device used for measuring temperature is called:

- (a) tachometer (b) odometer (c) thermometer (d) barometer

2. The normal temperature of a healthy person is thirty seven degrees on:

- (a) Kelvin scale (b) Roemer scale (c) Fahrenheit scale (d) Celsius scale

3. Digital thermometer available these days for measuring temperature use:

- (a) alcohol (b) water (c) mercury (d) none of these

4. Which of the following is not an insulator?

- (a) brick (b) bamboo (c) brass (d) cardboard

5. The transfer of heat by convection can take place in:

- (a) solids and liquids (b) solids and vacuum (c) gases and liquids (d) vacuum and gases

6. The convection currents in air transfer heat:

- (a) downwards (b) upwards (c) downward as well as upwards (d) sideways

7. The hot objects which can transfer heat by radiation are:

- (a) solids only (b) liquid and gases only (c) gases only (d) liquids, gases and solids

8. The invisible rays which transfer heat by radiation are called:

- (a) ultraviolet rays (b) ultrasonic rays (c) infrasonic rays (d) infrared rays

9. The heat from the sun reaches us on the earth by process of:

- (a) conduction (b) radiation (c) convection (d) none of these

10. The process which can transfer heat through the vacuum as well as air is:

- (a) conduction (b) convection (c) irradiation (d) radiation

B. Project work

Draw a neat labeled diagram of clinical thermometer on a white sheet. Write down the precautions to be observed while using a clinical thermometer and also explain why is mercury considered an ideal liquid for thermometers.